

Patent Application No. 10/002,998

IN THE SPECIFICATION:

Please amend the specification as follows (a marked-up version of the changes is included herewith):

Please replace the paragraph beginning at page 12, line 14 with the following paragraph:

Referring to Figure 5, the media network knowledge representation can be encoded (501) using the ISO MPEG-7 Description Definition Language (DDL) as shown in Table 1 to provide an XML representation of the media network knowledge representation (111). The MPEG-7 representation can be further encoded into a compact binary form using the MPEG-7 BiM binary encoding system. Once encoded using MPEG-7, the media network knowledge representation (111) can be stored persistently, such as in a database (503), or can be transmitted over a network, or carried with the multimedia data in a transport stream.

Please replace the paragraph beginning at page 15, line 3 with the following paragraph:

For example, the input query may find an initial match to node (607), which is a word or content node associated with concept (608). Then, the arcs (611 and 612) expanding from (608) are evaluated and traversed to find connected concept nodes (609 and 610). Then, the words and content associated with these nodes (614 and 615) as well as the words and content associated with the initial content node (613) are returned to the search engine in step (606). These items can then be returned by the query processor in step (604).